

Appl. No. 10/709,710
Amdt. dated 11/09/2005
Reply to Office action of June 23, 2005

Amendments to the Claims:

Claim 1 (currently amended): An intake structure, installed in a projection apparatus which has at least one heating element, comprising:

at least one intake port disposed on said projection apparatus;

5 at least one air duct, and an inlet of said air duct being directly connected to said intake port and the an outlet of said air duct being disposed near said heating element elements; and

an exhaust fan disposed near said heating element elements for exhausting air passing by outside air stream flowing through said heating element, an exhaust side of said 10 exhaust fan facing said heating element elements.

Claim 2 (original): The intake structure as claimed in claim 1, wherein said air duct has a bent air path.

Claim 3 (original): The intake structure as claimed in claim 2, wherein the outlet of said air duct is connected to at least one splitting duct.

15 Claim 4 (original): The intake structure as claimed in claim 1, wherein said air duct has a straight air path.

Claim 5 (original): The intake structure as claimed in claim 4, wherein the outlet of said air duct is connected to at least one splitting duct.

Claim 6 (canceled)

20 Claim 7 (currently amended): The intake structure as claimed in claim 1, wherein said exhaust fan is disposed near said heating element elements and said air duct for guiding outside air stream flowing through said heating element elements.

Claim 8 (original): The intake structure as claimed in claim 1, wherein the area of said inlet of said air duct to be set depends on the area of said intake port.

25 Claim 9 (original): The intake structure as claimed in claim 1, wherein the quantity of said air duct to be set depends on the quantity of said heating element.

Claim 10 (currently amended): The intake structure as claimed in claim 1, wherein the

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distance between said heating element elements and the outlet of said air duct is 1 to 10 mm.

Claim 11 (currently amended): The intake structure as claimed in claim 1, wherein said heating element elements is an integration rod.

5 Claim 12 (currently amended): The intake structure as claimed in claim 1, wherein said heating element elements is a relay lens.

Claim 13 (currently amended): The intake structure as claimed in claim 1, wherein said heating element elements is a condenser.

10 Claim 14 (currently amended): The intake structure as claimed in claim 1, wherein said heating element elements is an electronic component.

Claim 15 (original): The intake structure as claimed in claim 1, wherein said heating element is a color wheel.

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